Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Project Division Dasrahalli

Name of Work:Construction of compound wall and other devolopment works at Shettihalli Subdivision office in Mallasandra, Ward No-13

Modified Schedule-B

Item No.	Description	Unit	Quantity	Rate, Rs
1	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	298.79	222.04
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2015-16)	Cum	30.44	5449.98
3	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13	Cum	68.15	6019.92
	Above 125%	Cum	48.17	6019.92
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	11.29	5405.40
5	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5 of PWD SR 2015-16)	Cum	5.63	5985.36

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Item No.	Description	Unit	Quantity	Rate, Rs
	Above 125%	Cum	55.11	5985.36
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	429.66	316.44
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -	Tonne	6.14	65455.56
8	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13 of CSR 2015-16)	Cum	9.95	6650.64
9	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	149.39	137.16

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Item No.	Description	Unit	Quantity	Rate, Rs
17	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction	Nos	1.00	1882.00
18	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost	mtr		
	0.00 to 50.00m	mtr	50.00	306.00
	50.00 to 100.00m	mtr	50.00	400.00
	100.00 to 150.00m	mtr	50.00	445.00
	150.00 to200.00m	mtr	50.00	470.00
	200.00 to250.00m	mtr	50.00	544.00
	250.00 to300.00m	mtr	50.00	583.00
19	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length o	mtr	12.00	1325.00
20	Providing Borewell Collars 175mm Dia	Nos	3.00	150.00
21	Providing Borewell Cap 175mm Dia	Nos	1.00	100.00
22	Supply and Delivery of Galvanized Mild steel Heavy Class (B-Class) conforming to IS 1239-1979 PART-I/1979 with lastest amendments with ISI mark (one end fitted with ISI mark heavy duty collar and other end fitted with Protective cover) 50 mm dia	Mtr	0.00	321.00
23	Providing Borewell Collars 50mm dia	Nos	0.00	125.00
24	Supplying of Submersible Three Phase Pumpset for borewell of approved make ATLANTA, SUGUNA, C.R.I., KIRLOSKAR and other equivalent pumps. 10 HP /7.5KW 20 stages (Rate List of Materials Sl No. 21 P No. XXXXII, KPWD SR 2016-17)	Each	0.00	50100.00

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Item No.	Description	Unit	Quantity	Rate, Rs
25	Erection of pumpset including aligning and balancing with all necessary erection material and labour including supply and errection of two pair of supporting clamps borewell cap, cable clips, GI pipe and transportation GI pipe from Centrla Stores to site 50mm dia GI pipe will be spplied by Departmentally at free of cost	Nos	0.00	3900.00
26	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and latest amendments of IS 694/1990 and Virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.1 x 3 x 4 sqmm	Rmt	0.00	164.29
27	Supplying of LTUG cable having aluminium conductor PVC insulated sheeted galvanized steel wire tape armoured cable with PVC other sheating 101 KV class 4 core 16sqmm.including laying charges	Nos	0.00	163.95
28	Supplying & fixing LT Iron pot heads suitable for 1.1KV class UG Cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts and nuts and washers etc., 4 core 16 sqmm.	nos	0.00	271.92
29	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 65mm.	Rmt	0.00	249.26
30	Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia. 2.90mm thick GI pipe 2.5mtr. long buried in a pit. The Pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 120mm dia. bolt, nuts, washers and checknuts etc., the pipe shall have 16 through of 122mm dia	Nos	0.00	1650.00
31	Gun Metal 50mm Non Return Vavle of Horizental type of PWD SR 2016-17 pg no. XXIII Item No. 658	Each	0.00	1213.70
32	Supplying and fixing polished wood board made of not less than 15mm thick on both sides with made out of not more than 2 piece and fixing the same to the wall using tapered inverted wooden plugs screws etc., 500 x 500 x 65mm (20'x20'x5")	Each	0.00	311.58
33	Supplying and fixing MCB on existing MCB distribution board using necessary materials and wiring complete as required 32 amps.	Each	0.00	906.40

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No.	Description	Unit	Quantity	Rate, Rs
4	Supplying and fixing one of the fuse cut outs having porcelain base approved quality on the existing wooden block and wiring complete 16amps.	Each	0.00	231.00
5	Shunt capacitor conforming to IS 2843, 3 phases 400/400 Volts grade for power factor improvements of rotating machinery.	Each	0.00	1350.00
	Fixing of shunt capacitor with necessary clamps bolts and nuts to existing wooden meter boards including banking of more than the capacitor.	Each	0.00	100.00
	Servicing the installation by applying to the concerned BECSOM authorities including fixing of energy meter as per the procedure of BESCOM	Nos	0.00	10000.00
	3001 PVC Pipes 10KG/Sqcm 90mm outerdia Page no. XXXI Item No. 902	Mtr	0.00	350.00
	Providing and Filling in foundation with granite/trap broken metal 100 mm and down size,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	61.79	2240.84
	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	51.80	1900.00
	KSRB15-13 : Applying of distemper KSRB 15-13.1 : Providing and applying one coat distemper primer of approved brand on wall surface after throughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface, even and sand paper smooth, cost of materials, labour, complete as per specifications. -wall surface-	Sqm	164.00	27.00
	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	164.00	74.52
	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 120 Item No. 15.74 of SR 2015-16).	Sqm	222.94	88.56

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Item No.	Description	Unit	Quantity	Rate, Rs
44	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. (P.No. 258, I.No. 37.44 of CSR 2015-16).	Sqm	537.59	505.44
45	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305	Cum	976.34	320.12

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